

# Unintentional Drug- and Alcohol-Related Intoxication Deaths\* in Maryland

## Preliminary Data update through 2<sup>nd</sup> quarter 2018

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This report contains counts of unintentional drug- and alcohol-related intoxication deaths\* occurring in Maryland through the 2<sup>nd</sup> quarter of 2018, the most recent period for which preliminary data are available. Counts are also shown for the same period of 2007-2017 to allow for review of trends over time. Counts for 2018 are not complete and are subject to change.

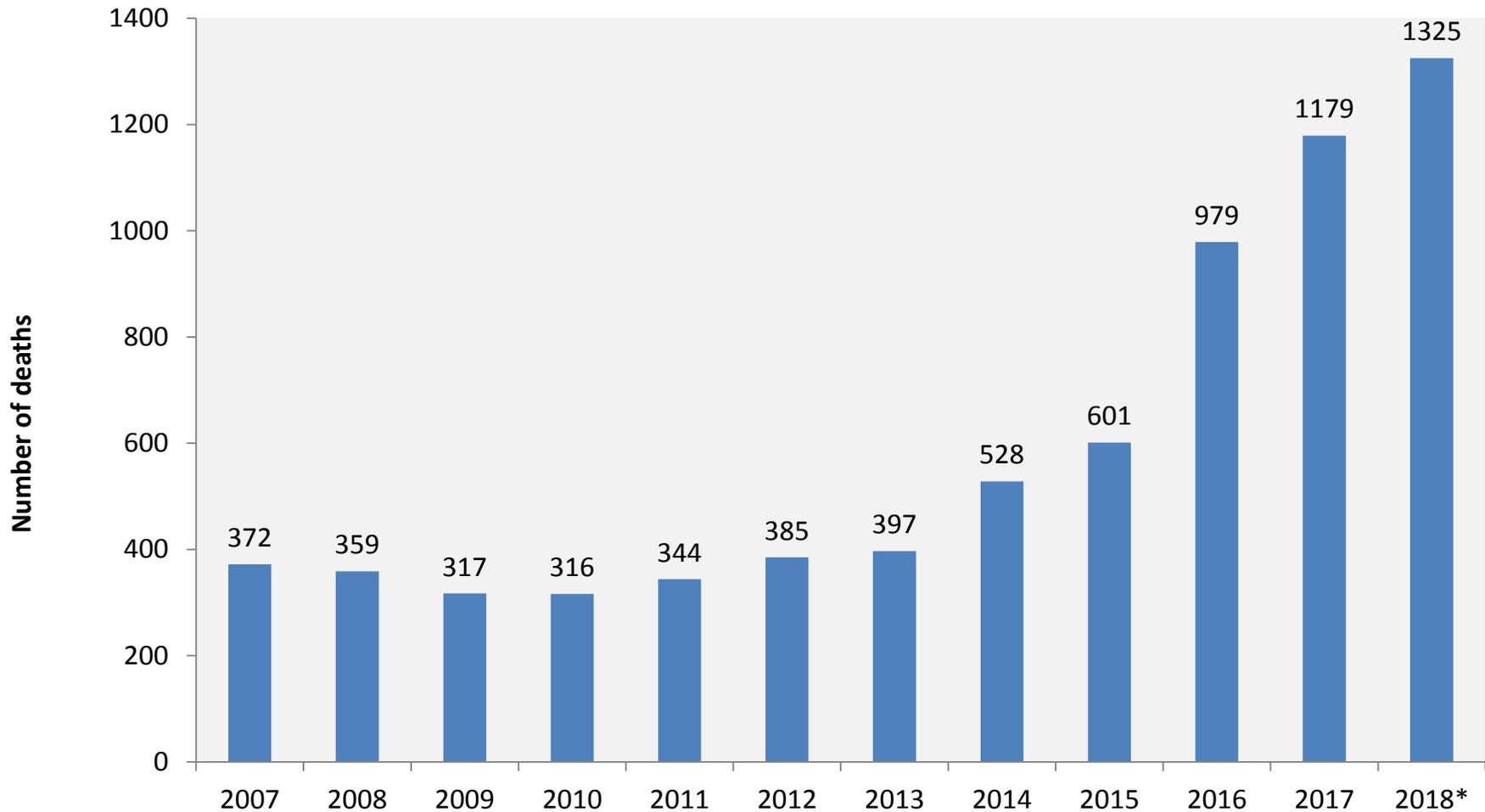
Since an intoxication death may involve more than one substance, counts of deaths related to specific substances do not sum to the total number of deaths.

\*Deaths resulting from recent ingestion or exposure to alcohol or other types of drugs, including heroin, prescription opioids, prescribed and illicit forms of fentanyl (including carfentanyl), cocaine, benzodiazepines, phencyclidine (PCP), methamphetamines and other prescribed and unprescribed drugs.



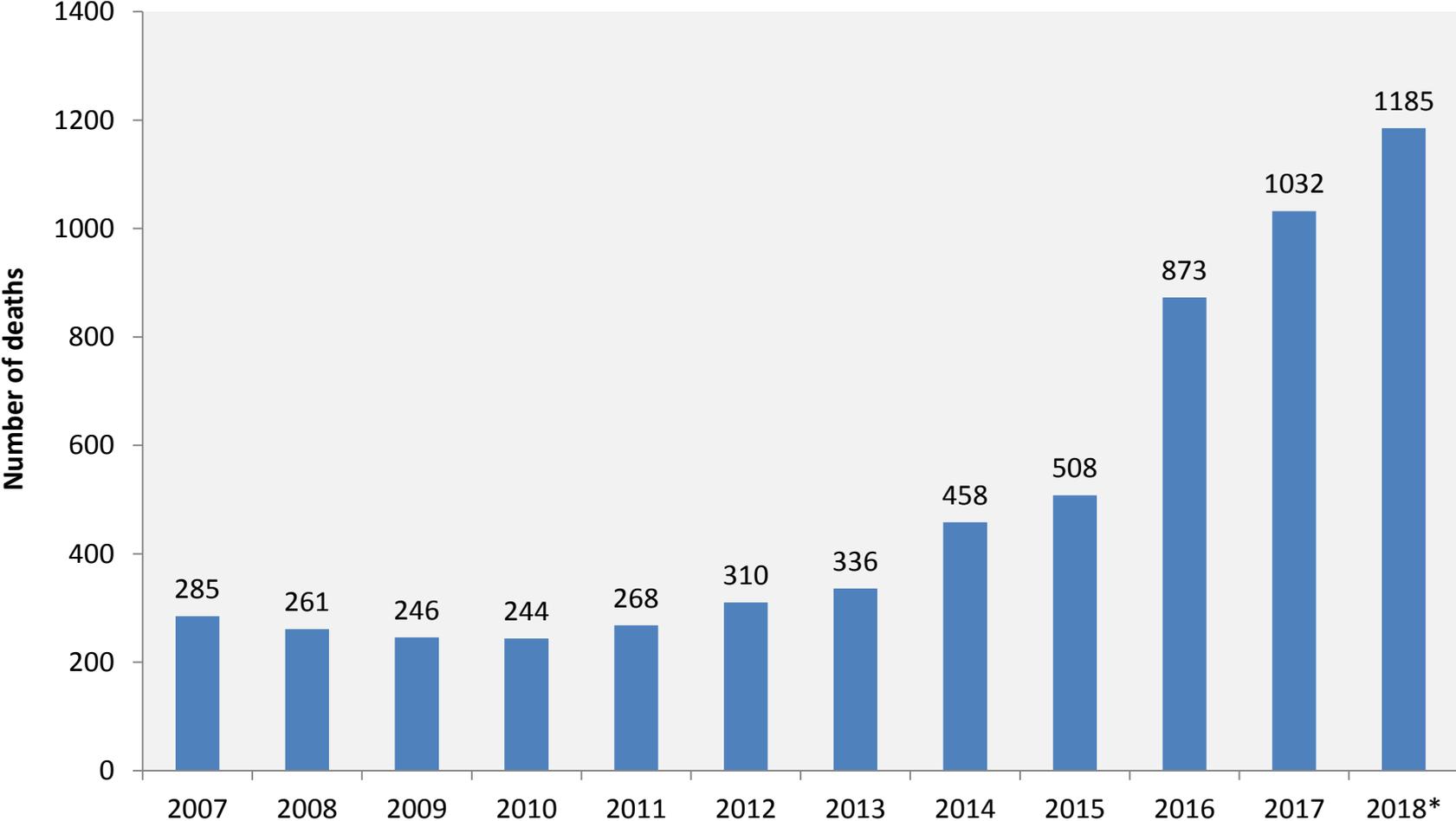
MARYLAND  
Department of Health

**Figure 1. Total Number of Unintentional Intoxication Deaths Occurring in Maryland from January-June of Each Year.\***



\*2018 counts are preliminary.

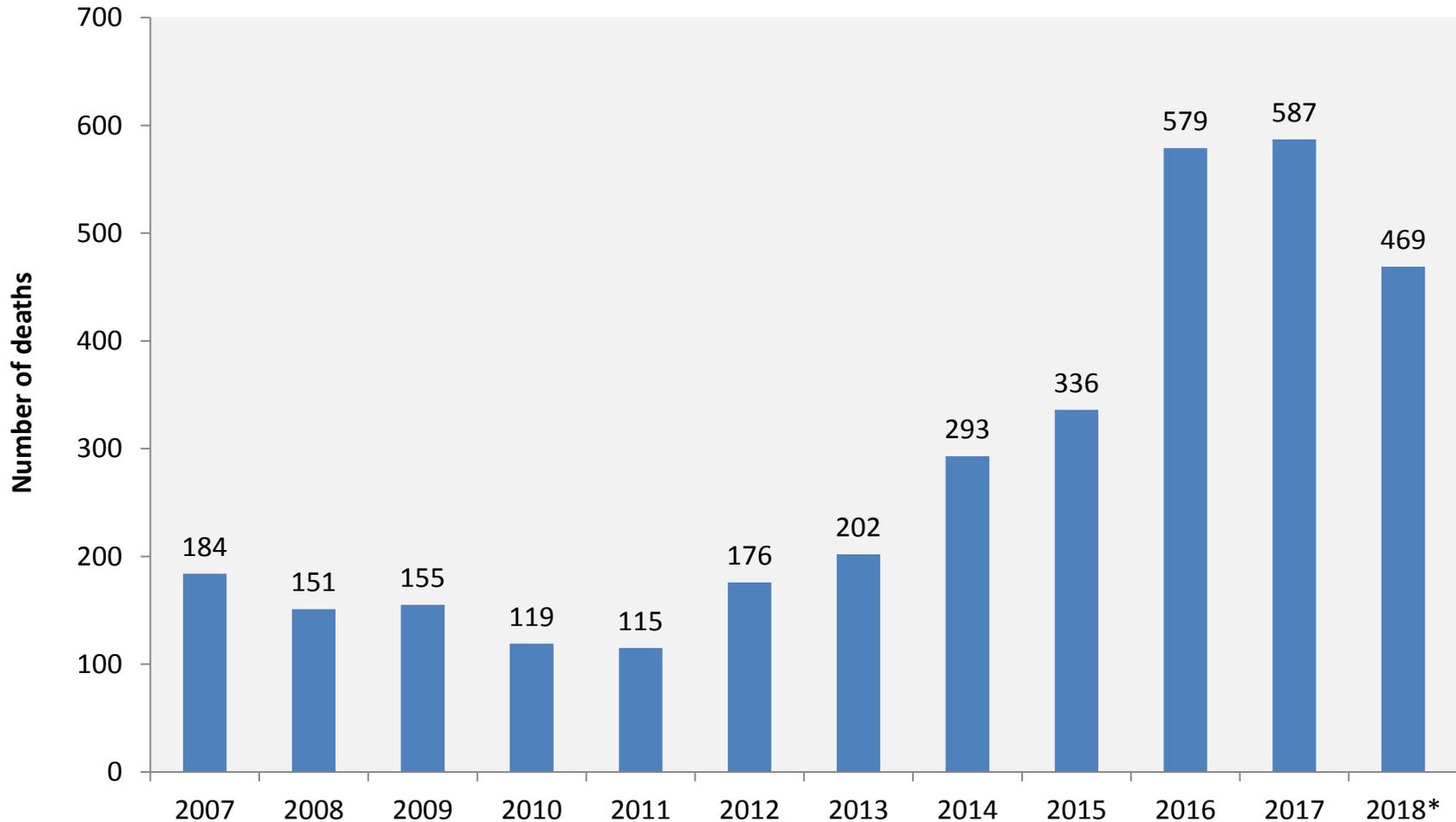
**Figure 2. Number of Opioid-Related Deaths Occurring in Maryland from January through June of Each Year.\***



\*2018 counts are preliminary.

**Figure 3. Number of Heroin-Related Deaths Occurring in Maryland from January through June of Each Year.\***

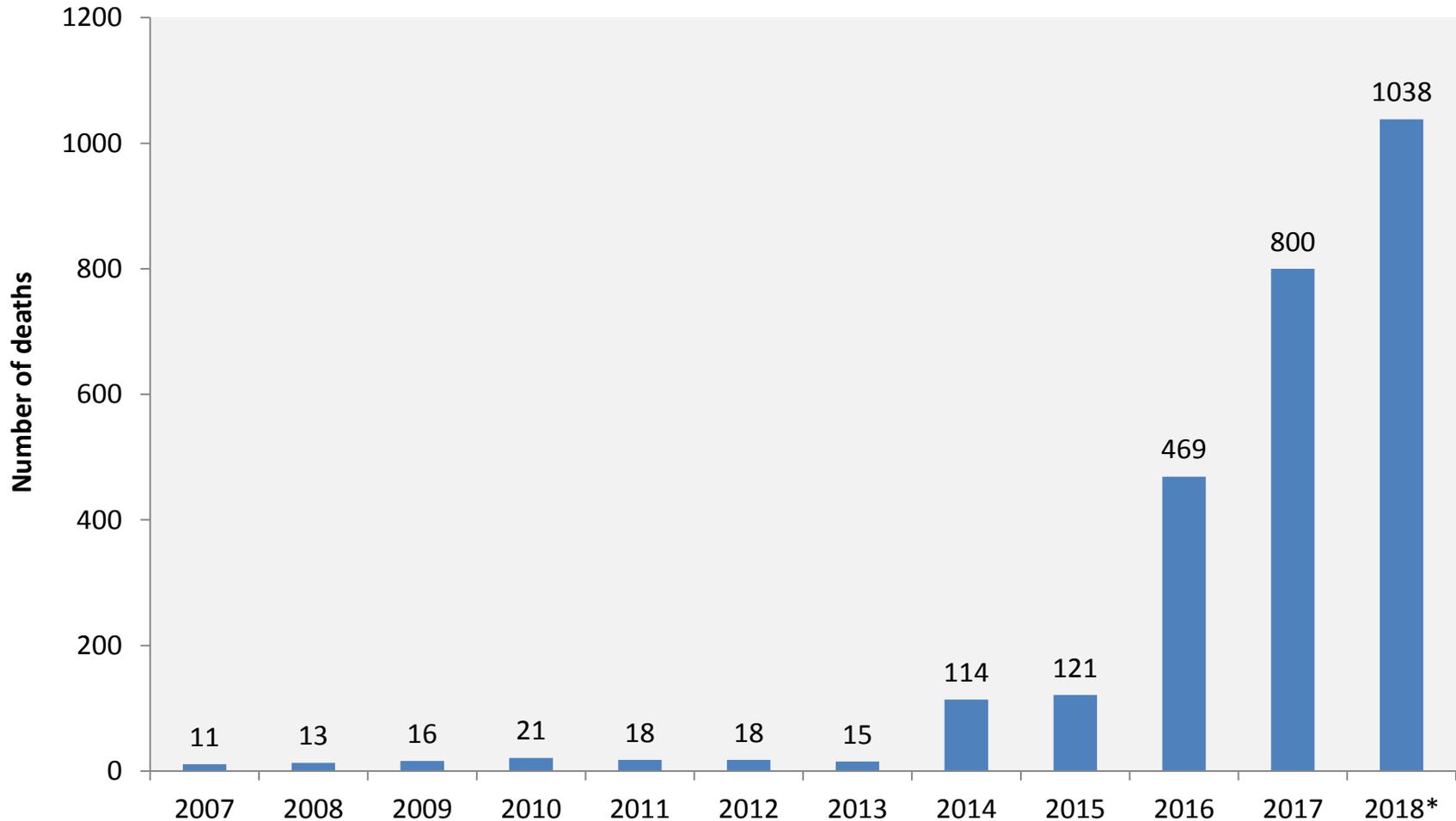
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\*2018 counts are preliminary.

**Figure 4. Number of Fentanyl-Related Deaths Occurring in Maryland from January through June of Each Year.\***

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\*2018 counts are preliminary.

**Figure 5. Number of Carfentanil-Related Deaths Occurring in Maryland from January through June of Each Year.\***

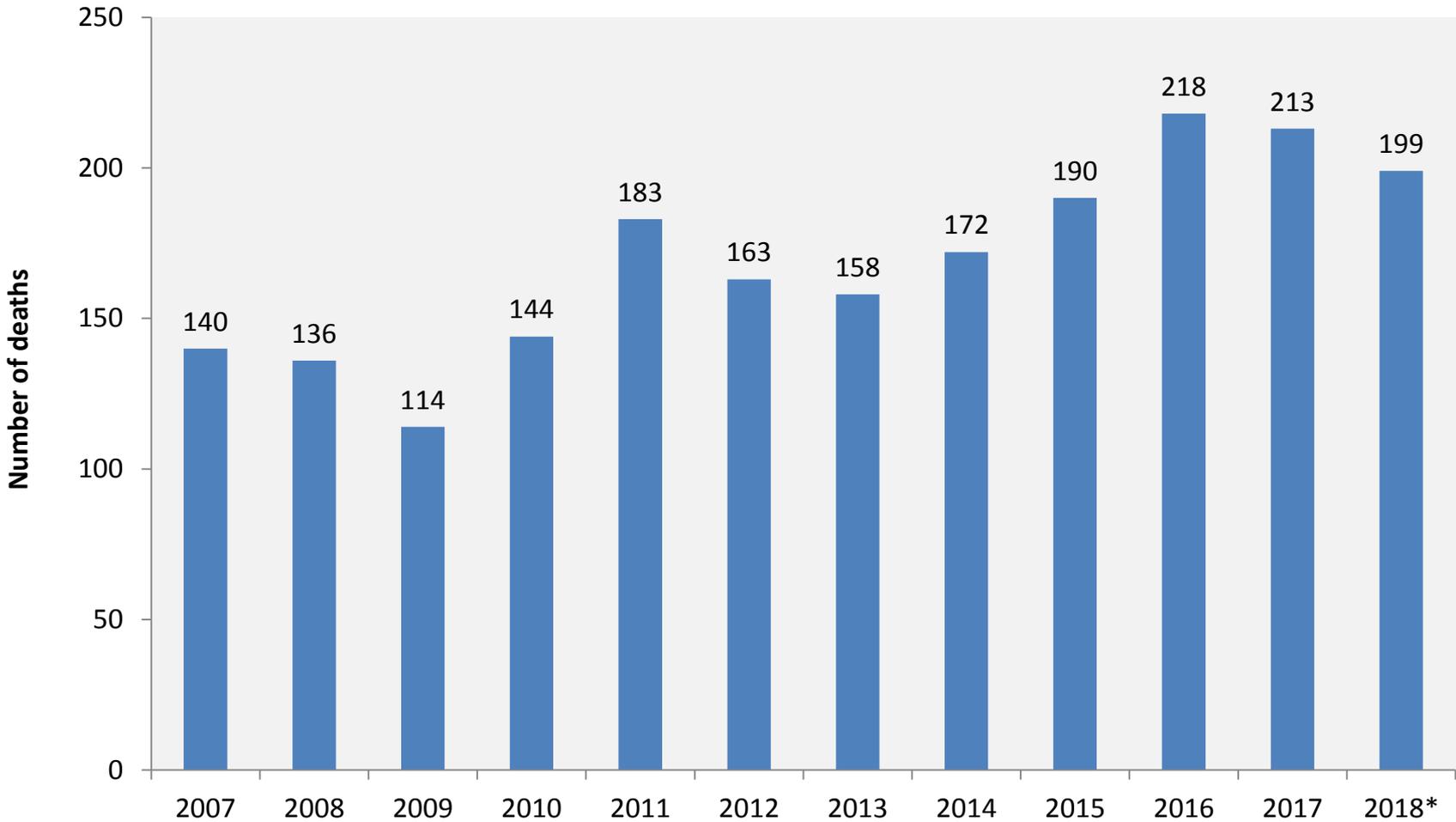
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\*2018 counts are preliminary.

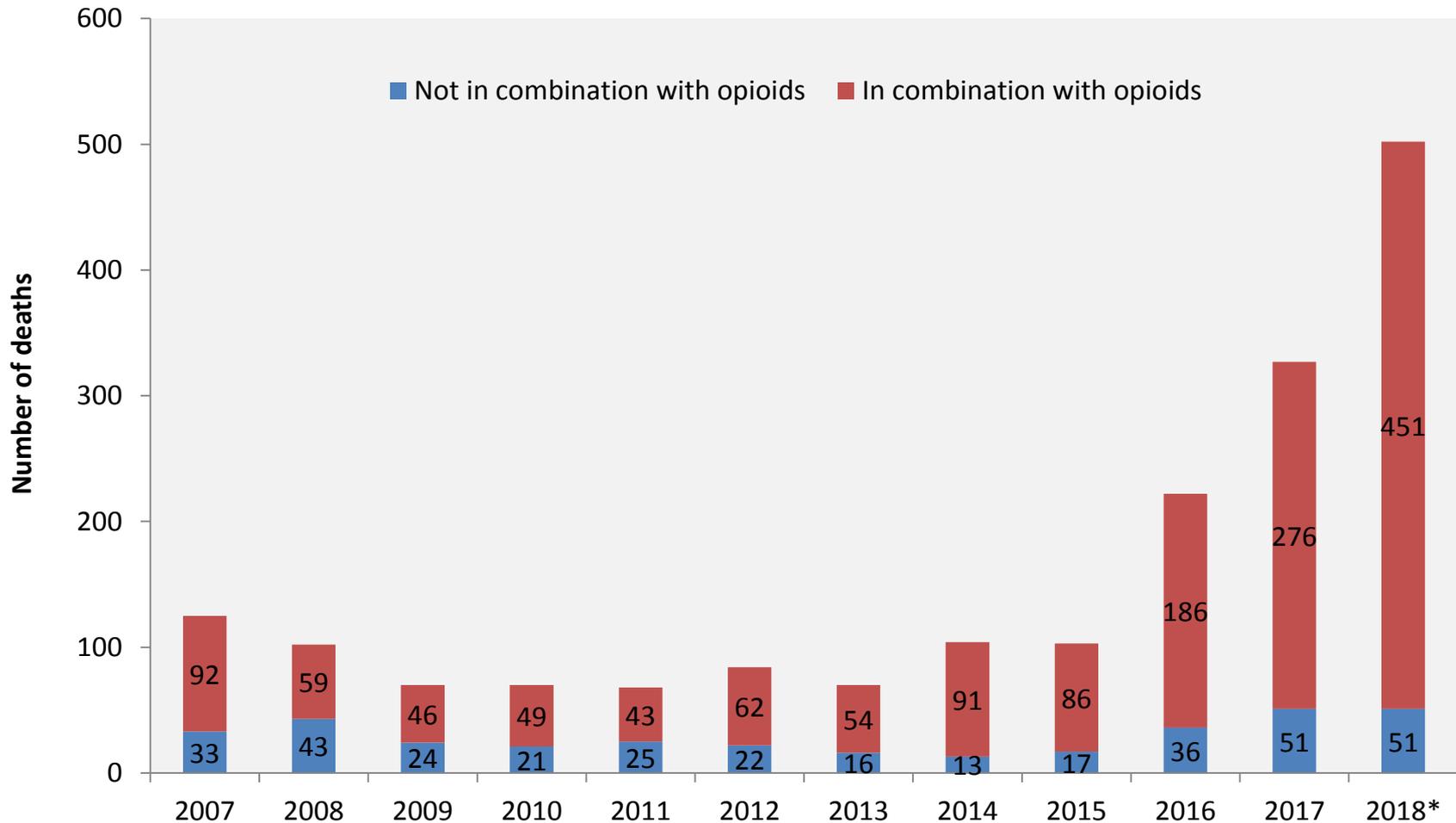
\*\* Screening for Carfentanil began in 2016, first detected in 2017

**Figure 6. Number of Prescription Opioid-Related Deaths Occurring in Maryland from January through June of Each Year.\***



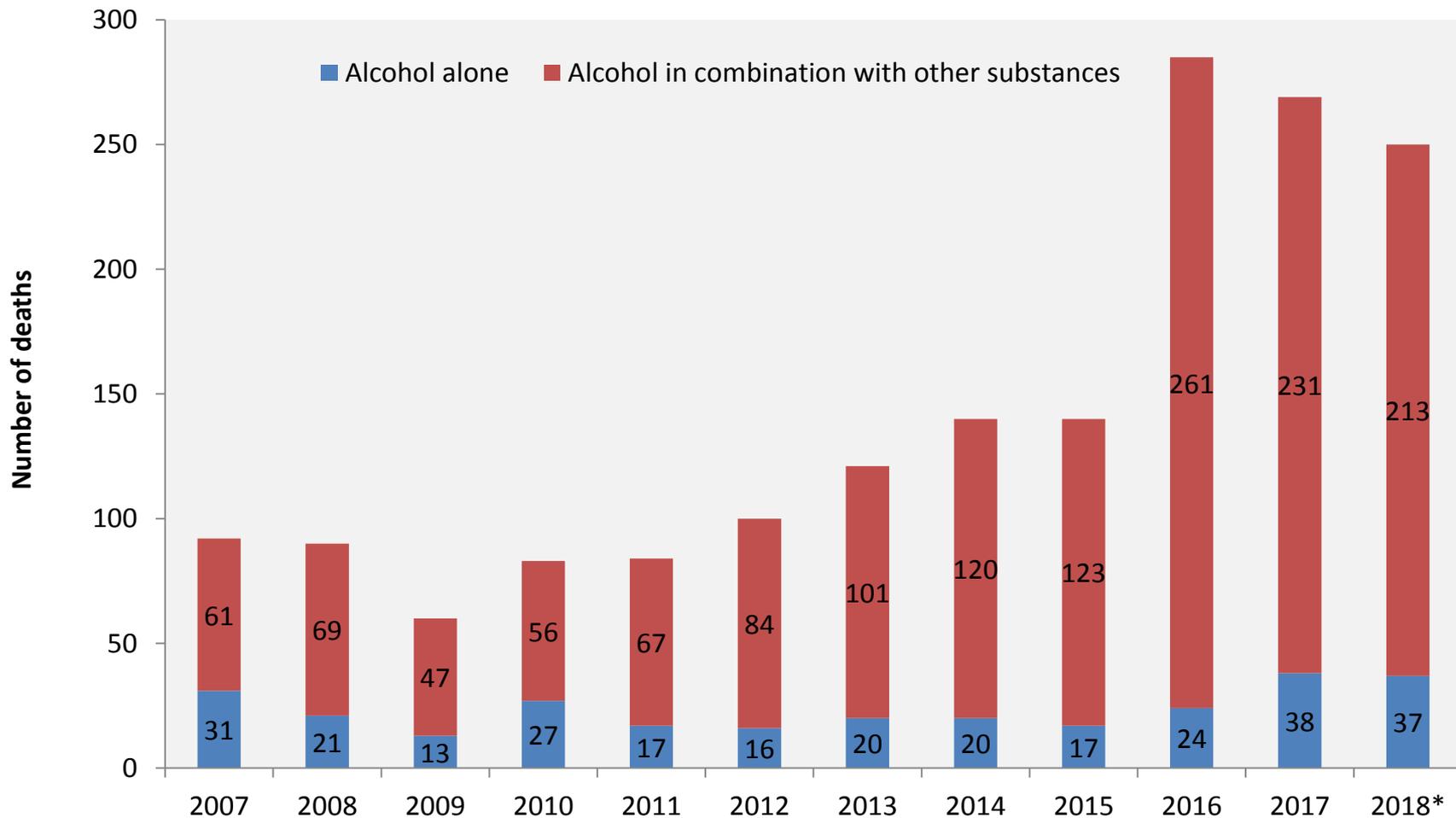
\*2018 counts are preliminary.

# Figure 7. Number of Cocaine-Related Deaths Occurring in Maryland from January through June of Each Year.\*



\*2018 counts are preliminary.

# Figure 8. Number of Alcohol-Related Deaths Occurring in Maryland from January through June of Each Year.\*



\*2018 counts are preliminary.

**Table 1. Comparison of Total Drug and Alcohol-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January – June, 2018<sup>3</sup> and 2017.**

Jurisdiction	Drug & Alcohol Intoxication Deaths		2018 vs 2017
	Jan. - Jun. 2018	Jan. - Jun. 2017	# DIFFERENCE
Maryland Total	1325	1179	146
Allegany	19	28	-9
Anne Arundel	139	111	28
Baltimore City	483	395	88
Baltimore County	215	188	27
Calvert	13	13	0
Caroline	3	5	-2
Carroll	48	29	19
Cecil	33	24	9
Charles	11	18	-7
Dorchester	5	7	-2
Frederick	48	41	7
Garrett	2	5	-3
Harford	53	52	1
Howard	23	31	-8
Kent	1	2	-1
Montgomery	54	53	1
Prince George's	69	85	-16
Queen Anne's	4	6	-2
Somerset	5	2	3
St. Mary's	17	17	0
Talbot	3	8	-5
Washington	47	29	18
Wicomico	17	19	-2
Worcester	13	11	2

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to alcohol or another type of drug, including heroin, cocaine, prescription opioids, benzodiazepines, and other prescribed and unprescribed drugs.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

**Table 2. Comparison of Opioid-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January – June, 2018<sup>3</sup> and 2017.**

Jurisdiction	Opioid Intoxication Deaths		2018 vs 2017
	Jan. - Jun. 2018	Jan. - Jun. 2017	# DIFFERENCE
Maryland Total	1185	1032	153
Allegany	16	26	-10
Anne Arundel	129	102	27
Baltimore City	442	358	84
Baltimore County	194	163	31
Calvert	11	9	2
Caroline	3	4	-1
Carroll	46	26	20
Cecil	32	23	9
Charles	8	16	-8
Dorchester	4	6	-2
Frederick	44	34	10
Garrett	2	2	0
Harford	46	50	-4
Howard	21	28	-7
Kent	1	1	0
Montgomery	41	44	-3
Prince George's	51	63	-12
Queen Anne's	4	4	0
Somerset	5	1	4
St. Mary's	16	16	0
Talbot	3	7	-4
Washington	44	25	19
Wicomico	14	15	-1
Worcester	8	9	-1

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to any opioid, prescribed or illicit.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

**Table 3. Comparison of Heroin-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January -- June, 2018<sup>3</sup> and 2017.**

Jurisdiction	Heroin Intoxication Deaths		2018 vs 2017
	Jan. - Jun. 2018	Jan. - Jun. 2017	# DIFFERENCE
Maryland Total	469	587	-118
Allegany	3	9	-6
Anne Arundel	46	68	-22
Baltimore City	158	202	-44
Baltimore County	67	100	-33
Calvert	5	5	0
Caroline	2	3	-1
Carroll	23	14	9
Cecil	24	18	6
Charles	4	8	-4
Dorchester	3	2	1
Frederick	16	17	-1
Garrett	1	1	0
Harford	20	31	-11
Howard	8	13	-5
Kent	0	1	-1
Montgomery	23	27	-4
Prince George's	23	27	-4
Queen Anne's	1	4	-3
Somerset	3	1	2
St. Mary's	9	5	4
Talbot	2	2	0
Washington	18	11	7
Wicomico	6	12	-6
Worcester	4	6	-2

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to heroin.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

**Table 4. Comparison of Fentanyl-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, January – June, 2018<sup>3</sup> and 2017.**

Jurisdiction	Fentanyl Intoxication Deaths		2018 vs 2017
	Jan. - Jun. 2018	Jan. - Jun. 2017	# DIFFERENCE
<b>Maryland Total</b>	<b>1038</b>	<b>800</b>	<b>238</b>
Allegany	13	20	-7
Anne Arundel	108	77	31
Baltimore City	414	286	128
Baltimore County	168	126	42
Calvert	10	5	5
Caroline	3	4	-1
Carroll	35	24	11
Cecil	27	14	13
Charles	7	11	-4
Dorchester	3	4	-1
Frederick	42	25	17
Garrett	1	0	1
Harford	38	37	1
Howard	19	21	-2
Kent	1	1	0
Montgomery	26	33	-7
Prince George's	41	52	-11
Queen Anne's	4	3	1
Somerset	5	1	4
St. Mary's	14	12	2
Talbot	3	3	0
Washington	37	22	15
Wicomico	11	12	-1
Worcester	8	7	1

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to fentanyl.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 5. Total Number of Drug and Alcohol-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Drug & Alcohol Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	815	694	731	649	671	799	858	1,041	1,259	2,089	2,282	1,325
Allegany	14	9	9	15	12	14	15	12	22	59	38	19
Anne Arundel	71	70	63	56	79	83	78	101	112	195	214	139
Baltimore City	287	184	239	172	167	225	246	305	393	694	761	483
Baltimore County	131	118	106	115	107	119	144	170	220	336	367	215
Calvert	14	9	14	6	12	12	6	17	20	28	32	13
Caroline	1	4	2	2	11	4	2	7	3	10	11	3
Carroll	14	17	22	15	8	29	24	38	40	47	55	48
Cecil	25	10	24	24	28	25	26	29	32	30	59	33
Charles	13	16	11	13	11	13	9	21	22	45	37	11
Dorchester	4	5	2	6	2	5	5	0	1	6	12	5
Frederick	23	15	23	20	30	26	37	42	40	88	78	48
Garrett	1	3	3	3	2	0	6	2	5	1	8	2
Harford	31	35	33	43	38	39	36	43	50	84	101	53
Howard	16	19	16	10	21	24	29	21	26	46	51	23
Kent	3	4	2	5	2	0	4	6	3	6	5	1
Montgomery	56	46	44	38	44	48	52	65	70	102	116	54
Prince George's	53	58	59	43	42	56	59	63	70	129	167	69
Queen Anne's	4	5	4	4	5	2	8	10	4	8	8	4
Somerset	6	3	4	1	3	3	4	3	6	8	4	5
St. Mary's	6	11	9	12	8	12	10	9	17	15	34	17
Talbot	5	4	3	3	1	5	7	4	5	10	11	3
Washington	16	26	18	20	21	27	28	40	64	66	59	47
Wicomico	9	13	12	13	11	21	17	20	18	48	35	17
Worcester	12	10	9	10	6	7	6	13	16	28	19	13

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to alcohol or another type of drug, including heroin, cocaine, prescription opioids, benzodiazepines, and other prescribed and unprescribed drugs.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 6. Number of Opioid-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Opioid Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	628	523	570	504	529	648	729	888	1,089	1,856	2,009	1,185
Allegany	12	7	6	11	8	10	11	11	20	55	36	16
Anne Arundel	54	57	45	44	53	68	67	85	89	169	198	129
Baltimore City	256	154	199	139	142	189	212	275	354	628	692	442
Baltimore County	95	92	83	95	93	104	125	146	195	305	323	194
Calvert	12	6	11	4	10	11	5	16	19	25	27	11
Caroline	0	2	1	2	8	4	2	7	3	9	8	3
Carroll	12	15	16	12	7	27	21	29	34	44	51	46
Cecil	23	9	21	21	24	22	22	25	26	28	57	32
Charles	8	9	10	9	10	12	9	16	17	36	34	8
Dorchester	2	3	1	6	2	5	5	0	1	5	10	4
Frederick	12	7	18	12	28	23	33	34	37	80	66	44
Garrett	0	2	3	1	1	0	4	2	4	0	4	2
Harford	24	31	28	38	28	32	34	38	45	76	93	46
Howard	14	13	11	9	18	17	26	18	25	40	47	21
Kent	2	4	2	3	1	0	4	3	3	4	4	1
Montgomery	35	29	31	25	28	36	40	53	59	84	91	41
Prince George's	27	33	38	27	24	30	38	48	45	106	124	51
Queen Anne's	4	2	3	4	4	2	7	9	4	6	6	4
Somerset	5	3	2	1	3	2	4	2	4	6	3	5
St. Mary's	3	9	7	10	6	9	10	8	12	13	33	16
Talbot	3	3	2	2	1	3	6	4	5	10	8	3
Washington	11	21	14	13	16	20	26	34	57	63	51	44
Wicomico	6	7	10	10	10	17	14	15	17	44	28	14
Worcester	8	5	8	6	4	5	4	10	14	20	15	8

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription and illicit opioids.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 7. Number of Heroin-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Heroin Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	399	289	360	238	247	392	464	578	748	1,212	1,078	469
Allegany	3	4	2	3	3	6	3	5	13	34	14	3
Anne Arundel	38	24	31	18	24	38	41	53	60	105	118	46
Baltimore City	200	107	151	93	76	131	150	192	260	454	380	158
Baltimore County	56	51	53	42	38	64	76	86	134	208	170	67
Calvert	5	3	7	1	5	6	2	13	15	17	17	5
Caroline	0	0	0	0	3	3	2	6	2	6	4	2
Carroll	9	5	7	3	2	13	14	16	22	25	28	23
Cecil	8	4	12	4	8	11	11	15	16	19	37	24
Charles	2	5	3	6	6	5	5	10	8	22	16	4
Dorchester	1	2	0	2	1	3	3	0	1	3	4	3
Frederick	8	4	9	6	11	10	21	26	26	46	35	16
Garrett	0	0	1	0	1	0	2	1	3	0	1	1
Harford	12	8	15	12	15	14	22	23	27	42	53	20
Howard	8	8	7	3	10	12	16	9	16	24	23	8
Kent	1	1	0	0	1	0	0	2	1	1	1	0
Montgomery	17	14	16	12	11	22	28	33	37	48	52	23
Prince George's	20	24	26	14	12	20	25	32	32	67	52	23
Queen Anne's	0	1	3	2	2	2	5	7	1	4	5	1
Somerset	2	1	1	0	1	2	1	1	3	3	2	3
St. Mary's	1	3	0	4	4	7	6	5	6	9	12	9
Talbot	1	2	0	0	1	2	2	4	3	4	3	2
Washington	5	13	11	6	8	11	14	21	38	39	22	18
Wicomico	1	3	3	5	3	9	11	12	13	21	20	6
Worcester	1	2	2	2	1	1	4	6	11	11	9	4

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to heroin.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 8. Number of Fentanyl-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Fentanyl Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	26	25	27	39	26	29	58	186	340	1,119	1,594	1,038
Allegany	3	0	1	2	1	1	1	1	5	29	29	13
Anne Arundel	3	5	3	5	2	3	6	23	29	98	152	108
Baltimore City	3	2	4	4	2	4	12	72	120	419	573	414
Baltimore County	6	9	9	6	4	5	11	36	65	182	244	168
Calvert	0	1	1	0	1	0	0	5	2	11	22	10
Caroline	0	0	0	1	4	0	0	0	1	3	7	3
Carroll	0	2	0	2	0	1	2	4	11	20	40	35
Cecil	2	1	0	2	2	0	0	1	7	9	44	27
Charles	0	0	0	0	1	1	3	1	4	17	26	7
Dorchester	0	0	0	2	0	0	2	0	1	3	7	3
Frederick	0	0	0	2	3	1	2	6	11	49	49	42
Garrett	0	1	0	0	1	0	0	0	2	0	2	1
Harford	1	1	0	3	2	1	1	2	16	46	73	38
Howard	1	0	0	0	0	2	3	5	7	27	36	19
Kent	0	0	0	0	0	0	0	1	0	3	3	1
Montgomery	2	0	1	1	0	2	0	8	17	43	72	26
Prince George's	1	0	2	2	0	1	6	7	15	58	103	41
Queen Anne's	1	0	0	0	0	0	1	1	0	4	5	4
Somerset	1	1	0	1	0	0	2	0	1	6	3	5
St. Mary's	0	0	1	1	1	0	1	3	3	4	26	14
Talbot	1	1	0	1	0	1	0	2	2	7	3	3
Washington	0	0	0	2	1	1	4	1	14	31	39	37
Wicomico	1	1	3	1	1	4	1	7	1	34	24	11
Worcester	0	0	2	1	0	1	0	0	6	16	12	8

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription or illicit fentanyl.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 9. Number of Prescription Opioid-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Prescription Opioid Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	302	280	251	311	342	311	316	330	351	418	413	199
Allegany	9	5	6	8	5	5	8	6	6	15	9	2
Anne Arundel	22	36	20	31	33	33	28	32	27	48	43	21
Baltimore City	95	60	63	61	82	74	86	84	105	113	123	65
Baltimore County	48	51	37	60	68	47	54	59	62	67	87	41
Calvert	8	3	4	3	7	6	3	7	6	11	5	2
Caroline	0	2	1	2	5	1	0	1	0	4	1	0
Carroll	4	11	10	9	5	17	12	15	14	15	13	13
Cecil	19	6	10	20	20	18	12	12	10	8	8	4
Charles	6	6	7	4	5	7	5	9	8	10	11	3
Dorchester	2	1	1	4	1	3	3	0	0	2	2	0
Frederick	6	4	9	6	21	16	14	9	12	18	17	5
Garrett	0	2	2	1	1	0	2	2	1	0	1	1
Harford	15	25	14	30	15	20	14	20	16	16	19	11
Howard	6	6	4	6	9	5	13	7	9	6	13	1
Kent	2	3	2	3	1	0	4	2	2	0	2	0
Montgomery	20	17	19	14	20	18	16	19	23	26	19	10
Prince George's	8	12	13	17	15	11	14	16	13	16	14	4
Queen Anne's	4	1	1	2	2	0	3	3	3	2	2	0
Somerset	4	3	1	1	3	2	2	1	1	0	1	1
St. Mary's	3	7	7	9	3	5	4	3	5	4	10	4
Talbot	2	1	2	2	0	1	4	0	2	3	4	0
Washington	7	10	4	7	11	9	11	16	20	23	8	8
Wicomico	5	4	8	7	7	9	4	3	5	7	0	1
Worcester	7	4	6	4	3	4	0	4	1	4	1	2

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to prescription opioids.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 10. Number of Cocaine-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Cocaine Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	248	157	162	135	148	153	154	198	221	464	691	502
Allegany	2	1	1	1	0	2	2	2	5	9	13	6
Anne Arundel	26	18	15	13	18	13	12	19	19	31	66	53
Baltimore City	106	57	72	45	48	59	47	82	93	202	285	222
Baltimore County	30	25	25	23	19	17	27	28	38	80	123	75
Calvert	1	2	1	3	2	3	0	2	0	2	3	3
Caroline	0	0	1	0	1	1	0	1	0	5	2	1
Carroll	2	2	3	6	3	7	7	2	6	8	14	14
Cecil	5	3	4	3	7	2	5	4	3	3	15	8
Charles	3	3	2	2	1	1	0	0	2	4	10	5
Dorchester	1	1	0	1	1	1	1	0	0	1	7	2
Frederick	4	2	3	3	7	2	5	8	4	9	19	15
Garrett	0	0	0	1	0	0	0	0	1	0	1	0
Harford	8	5	5	5	4	5	4	4	5	20	18	22
Howard	6	1	4	1	5	7	5	3	6	7	16	8
Kent	1	2	0	1	0	0	0	1	1	0	1	0
Montgomery	20	12	7	4	12	12	13	10	5	11	17	10
Prince George's	15	14	11	12	12	10	12	19	11	33	45	16
Queen Anne's	3	0	2	0	1	0	0	0	0	1	2	0
Somerset	1	0	1	1	0	0	0	0	0	4	2	5
St. Mary's	1	1	1	2	0	2	1	1	4	2	6	6
Talbot	4	0	1	0	0	0	3	0	1	2	2	0
Washington	3	1	0	3	3	5	6	6	10	9	10	20
Wicomico	2	5	2	3	3	4	3	4	7	13	7	8
Worcester	4	2	1	2	1	0	1	2	0	8	7	3

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to cocaine.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.

Table 11. Number of Alcohol-Related Intoxication Deaths<sup>1,2</sup> by Place of Occurrence, Maryland, 2007-2017 and YTD 2018 Through June.<sup>3</sup>

Jurisdiction	Alcohol Intoxication Deaths											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 YTD
Maryland Total	189	176	163	161	161	195	239	270	310	582	517	250
Allegany	5	0	3	4	2	4	2	3	6	14	4	4
Anne Arundel	12	12	9	10	21	15	22	18	27	56	37	24
Baltimore City	56	41	54	39	44	71	86	86	114	222	198	97
Baltimore County	38	23	22	29	22	24	32	39	52	81	71	41
Calvert	3	3	4	0	2	2	1	4	3	7	4	7
Caroline	1	0	1	0	1	0	1	2	0	5	4	1
Carroll	3	4	5	4	4	4	4	9	6	12	9	6
Cecil	5	4	7	6	3	6	9	5	8	8	12	6
Charles	5	5	1	4	3	2	4	5	4	12	9	0
Dorchester	2	0	0	1	0	1	0	0	1	1	2	1
Frederick	5	7	8	5	9	5	11	12	13	15	11	6
Garrett	1	2	1	1	1	0	2	1	1	1	2	1
Harford	3	9	5	9	4	6	4	8	11	18	12	8
Howard	2	7	5	3	4	6	6	6	5	14	7	3
Kent	0	0	0	1	0	0	1	1	0	1	1	0
Montgomery	17	15	9	10	16	15	13	18	15	22	35	9
Prince George's	21	19	14	17	12	23	22	18	17	45	51	17
Queen Anne's	1	2	0	1	3	0	1	7	0	2	4	0
Somerset	0	0	1	0	1	1	1	2	2	3	1	0
St. Mary's	2	1	3	2	2	3	2	3	4	3	11	3
Talbot	0	3	0	0	0	2	2	0	0	0	5	0
Washington	3	10	4	5	4	3	6	11	10	17	14	7
Wicomico	1	6	3	4	2	2	6	7	3	12	9	6
Worcester	3	3	4	6	1	0	1	5	8	11	4	3

<sup>1</sup>Includes deaths that were the result of recent ingestion or exposure to alcohol.

<sup>2</sup>Includes only deaths for which the manner of death was classified as accidental or undetermined.

<sup>3</sup>Counts for 2018 are not complete.